



RONGGO

UNIVERSITY COLLEGE

(A Constituent College of Moi University)

OFFICE OF THE DEPUTY PRINCIPAL- ACADEMICS AND STUDENTS AFFAIRS

UNIVERSITY EXAMINATIONS

2013/2014 ACADEMIC YEAR

FIRST YEAR FIRST SEMESTER EXAMINATION

FOR

THE DEGREE

IN

BACHELOR OF SCIENCE

COURSE CODE: TEC 107

COURSE TITLE: HIV/AIDS AWARENES

TIME: 2.00PM-5.00PM.

DATE: 25/2/2014

INSTRUCTIONS TO CANDIDATES

- Answer question **ONE** and any other **THREE** questions only.
- Marks are shown at the end of each question
- Show workings in the answer booklet for award of full marks
- Each question should begin on a fresh page
- Do not write on the question paper.
- Duration is 3 hours.

THIS PAPER CONSISTS (2) PRINTED PAGES

PLEASE TURN OVER

QUESTION ONE:

- a) What is HIV viral infection cycle? [4 marks]
- b) Aids related complex is diagnosed in HIV infected people showing various symptoms. Give any eight of the symptoms. [4 marks]
- c) Giving examples suggest four specific factors that may affect the overall health in HIV infected people and how quickly the disease progresses. [8 marks]
- d) Discuss the behaviour and risk factors for the transmission of HIV. [10 marks]

QUESTION TWO:

- a) Analyze the socio-economic impact of HIV/AIDS in Kenya today. [10 marks]
- b) Discuss the challenges that the Government of Kenya is facing in eradicating HIV/AIDS. [5 marks]

QUESTION THREE:

- a) Give three viral opportunistic diseases related to HIV/AIDS and explain a symptom for each. [6 marks]
- b) Describe ways by which primary prevention of disease can be done in a community. [6 marks]
- c) Define the following terms:
- i. Risk factors [1 marks]
 - ii. Chronic disease [1 marks]
 - iii. Acute disease [1 marks]

QUESTION FOUR:

- a) Identify important routes that viruses use to enter the body. [4 marks]
- b) Discuss strategies for community health awareness. [4 marks]
- c) Distinguish between primary phase and latent phase of HIV infection. [4 marks]
- d) Explain the role of T – lymphocytes in relation to human immunity. [3 marks]

QUESTION FIVE:

- a) Discuss the safety precautions in avoiding HIV infection. [10 marks]
- b) State and explain ways by which the Government and other agencies have used to manage HIV/AIDS. [5 marks]